

Baptiste Royer

List of Publications by Year in descending order

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11
papers

556
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Encoding Qubits in Multimode Grid States. PRX Quantum, 2022, 3, .	9.2	8
2	Model-Free Quantum Control with Reinforcement Learning. Physical Review X, 2022, 12, .	8.9	27
3	Quantum Metamaterial for Broadband Detection of Single Microwave Photons. Physical Review Applied, 2021, 15, .	3.8	17
4	Demonstration of an All-Microwave Controlled-Phase Gate between Far-Detuned Qubits. Physical Review Applied, 2020, 14, .	3.8	26
5	Microwave Quantum Link between Superconducting Circuits Housed in Spatially Separated Cryogenic Systems. Physical Review Letters, 2020, 125, 260502.	7.8	91
6	Stabilization of Finite-Energy Gottesman-Kitaev-Preskill States. Physical Review Letters, 2020, 125, 260509.	7.8	39
7	Quantum Communication with Time-Bin Encoded Microwave Photons. Physical Review Applied, 2019, 12, .	3.8	29
8	Qubit parity measurement by parametric driving in circuit QED. Science Advances, 2018, 4, eaau1695.	10.3	19
9	Itinerant Microwave Photon Detector. Physical Review Letters, 2018, 120, 203602.	7.8	29
10	Fast and Unconditional All-Microwave Reset of a Superconducting Qubit. Physical Review Letters, 2018, 121, 060502.	7.8	96
11	Deterministic quantum state transfer and remote entanglement using microwave photons. Nature, 2018, 558, 264-267.	27.8	175